## ISSUE SLIP STAPLE 4 TEA (for additional cross references)

| POSITION            | INITIALS | ID NO. | DATE           |
|---------------------|----------|--------|----------------|
| FEE DETERMINATION   | NV       | 71534  | 09-13-99       |
| O.I.P.E. CLASSIFIER |          | X      | 9-16-99        |
| FORMALITY REVIEW    | I LA     | 63390  | 0/82/19        |
|                     |          | de -   | - <del> </del> |

## INDEX OF CLAIMS

| • | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
| = | Allowed                    |   | Interference |
| _ | (Through numeral) Canceled | Α | Appeal       |
| ÷ | Restricted                 | 0 | Objected     |

| _               |               | _        |             | _               | JL.      |  |          |  |                |          |            | _          | _        |            |   |          |          |   |              |           |          |          |          |              |          |          |            | 00,                |         |          | 1        | 5         |          |           |           |          |          |
|-----------------|---------------|----------|-------------|-----------------|----------|--|----------|--|----------------|----------|------------|------------|----------|------------|---|----------|----------|---|--------------|-----------|----------|----------|----------|--------------|----------|----------|------------|--------------------|---------|----------|----------|-----------|----------|-----------|-----------|----------|----------|
| CI              | aim           | ┖        | Pate        |                 |          |  |          |  |                |          | Claim Date |            |          |            |   |          |          |   |              |           |          | [        | Date     |              |          |          |            |                    |         |          |          |           |          |           |           |          |          |
|                 | 2             | 6        | K           | h               | X        | 4  |          | ı  | ı              | T        | Ī          | ٦          |          | 1          | <b>a</b>                                      |          | Т        | Т                                       | Т            | Т         | Т        | Т        | Т        | Т            | 7        |          | Т          | 1                  |         | Т        |          |           |          | 2         |           |          |          |
| Final           | Original      | 11       | 60          | 70              | 91       | Ã  |          | - 1  |                | -        | İ          |            | - 13     |            | Billion                                       | 1        |          |   | -            |           | ľ        | 1        | ľ        |              |          | - 13     | <u>ا</u> و | Onginal            |         | 1        |          |           |          |           |           |          |          |
| 1               | 10            | 02       | Ľ           | 4               | 4        | 4  |          | 4  | 4              | 4        | 4          | _          | į        |            | 5   | $\perp$  | ᆚ        | $\perp$                                 | ┸            | L         | ┸        | L        |          |              | ╝        | Ĺ        | E C        | 5                  |         |          |          | 1         |          |           |           |          |          |
| -               | Q             |          | 16          | 4               | 1        | ¥  | 4        | 4  | 4              | 4        | 4          |            | L        | 5          |   | ┸        | $\perp$  | $\perp$                                 | $\perp$      |           |          |          |          | Ĺ            |          |          | 1          | 01                 | Т       |          |          | Ŧ         |          | . 2       | <b>**</b> |          |          |
| _               | 2             | _        | Ц           | 1               | Ц        | 11   | $\perp$  | _  | ┙              |          | $\perp$    |            | L        |            | 2   |          |          |   | ıİ.          |           |          | $\perp$  | $\perp$  |              |          |          | 1          | 02                 | Т       | Т        | Т        | >         | . 4      |           | 36        |          |          |
| L               | 3             | Ш        | Ц           | L               | Ц        | Ш  |          |  |                |          |            |            | 1        | 5          | 3   | Τ        | T        |   | T            | Т         | Т        | Т        | Т        | T            | 7        | Г        | 1          | 03                 | T       | T        | 7        | 7         | ē.       | 14        | 223       |          |          |
| L               | 4             | Щ        | Ц           | $\perp$         | Ц        | Щ.   | $\perp$  | 1  | $\perp$        | $\perp$  | $\Box$     |            |          | _          | 4   |          | Τ        | Ι                                       | $\top$       | T         | Ι        |          | T        | $\top$       | 7        |          | 1          | 04                 | 十       | T        | 1        | 1         |          |           |           |          |          |
| $\vdash$        | 5             | Ц        | Ц           | L               | Ц        | Ш  | _        | $\perp$  | $\perp$        | $\perp$  | $\perp$    |            | L        | _          | 5   |          | $\perp$  | $\perp$                                 | $\perp$      | T         | T        |          | Τ        | Τ            |          | Γ        | 1          | 05                 | $\top$  | T        | $\top$   | 1         | 4        | 20        | ×         |          |          |
| $\perp$         | 6             | Ш        | Ц           | Ц               | Ц        | Ц  | ┙        | $\perp$  | $\perp$        | $\perp$  | ᆚ          | _          | L        |            | 6   |          |          | $\Gamma$                                | $\mathbf{I}$ |           | Т        | Т        | Т        | T            | 7        | Γ        | 1          | 06                 | $\top$  | T        | 7        | T         |          | 1         | 7         | .90      |          |
| $\perp$         | 7             | Щ        | Ц           | Ц               | Ц        | Ц  | _        | 4  |                | $\perp$  |            | ┚          | L        | _          | 7   |          |          |   |              |           | Т        | Т        |          |              | 7        | Г        | 1          | 07                 | 7       | $\top$   | $\top$   | 1         |          | 398       |           |          |          |
|                 | 8             | Ш        | Ц           | Ц               |          | Ц  | $\perp$  | $\perp$  | $\perp$        | $\perp$  |            |            | Ĺ        |            | 8   |          |          |   |              |           |          | Т        | T        | T            | 7        | Г        | 10         | 08                 | $\top$  | $\top$   | T        | T         |          |           |           | 100      |          |
|                 | 9             | Ц.       | Ц           | Ц               | $\perp$  | Ц  |          | $\perp$  | L              | ⊥        | $\perp$    |            |          | 5          | 9   |          |          |   |              | Г         | Т        | Т        | Т        | T            | 7        | Г        | 10         | 9                  | $\top$  | T        | 1        | 1         | ┪        |           | £         | à        |          |
| L               | 10            | Щ        | Ц           | Ц               | $\perp$  | Ц  |          |  | $\perp$        | $\perp$  |            |            |          | 6          |   |          |          | Ι                                       | Т            | Т         | Т        | Т        | T        | T            | 7        |          | 1          | 10                 | T       | 1        | $\top$   | 1         | _        | 100       | 12        |          |          |
| L               | 11            | Ш        | Ц           | Ш               | Ш        |  |          |  | $\perp$        | $\perp$  | 1          |            |          | 6          | 1   | Т        | Т        | T                                       | Т            | T         | Τ        | 1        | Τ        | $\top$       | ٦.       |          |            | 11                 |         | 41       | 1        | 1         |          | -1        |           | X        |          |
| $\perp$         | 12            | Ш        | Ш           | Ш               | Ш        | Ŀ  |          |  |                | I        | T          | 7          |          | 6          | 2   | Т        | Τ        | Т                                       | T            | 1         | T        | T        | T        | $\top$       | 1        |          | 1          | 12                 | T       | 1        | T        | †         | 7        |           | 24        | 33       |          |
| L               | Q             | Ш        | Ш           | U               | 샤        | 1  |          |  | $\Box$         |          | T          |            | Г        | 6          | 3   | Τ        | 7        | Т                                       | T            | Т         | Т        | T        | Т        | T            |          |          | 1          | 13                 | Ť       | _        | $\top$   | †         | 7        | - ;       | 82.5      | 80       |          |
|                 | (14)          |          | $\parallel$ | Īι              | 71       | 7  | Т        | Т  |                | Т        | T          | 7          |          | 6          | 4   | 1        | 1        | 1                                       | 1            | ✝         | $\top$   |          | T        | +            | 1        |          | -          | 14                 | +       | $\top$   | $\top$   | $\dagger$ | ┪        |           |           | 57       | W.       |
|                 | 15            | $\prod$  | II          | П               | Π        | П  | Т        | Т  |                | T        | Т          | ٦          | Г        | 6          | 5   | Τ        | $\top$   | $\top$                                  | T            | T         | 1        | ╈        | +        | +            | 7        |          | -          | 15                 | T       | $\top$   | +        | +         | _        | _         |           | 80.05    |          |
|                 | 16            |          |             | Γ               |          |  |          | $\top$   | 1              | 1        | $\top$     | ٦          | Г        | 6          | 5   | 1        | $\top$   | 1                                       | $\top$       | $\top$    | 1        | +        | T        | +            | 1        | $\vdash$ | -          | 16                 | +       | +        | +        | +         | 7        | $\dashv$  | 111       | • 4      | 200      |
| Г               | 17            | T        | Π           | П               |          | П  | $\top$   |  | T              | 1        | T          | ٦          |          | 6          | 7   | 1        | $\top$   | T                                       | 1-           | 1         | +        | +        | t        | 十            | 1        | 1        | 1          |                    | +       | +        | ╅        | +         | ╗        | $\dashv$  | ÷         | 3,0      |          |
| Г               | 18            | 1        |             | П               |          |  | T        | _  | $\top$         | +        | ┪          | ┪.         |          | 6          | 3   | 十        | 十        | ╅                                       | +            | +         | +-       | ✝        | +        | +            | 1        | Н        | _          | 8                  | +       | +        | +        | +         | $\dashv$ |           |           | 10.4     | 3        |
|                 | 19            | $\Box$   |             | Т               | П        | 1  | T        |  | $\top$         | 十        | $\top$     | ┪          |          | 6          | <u>,                                     </u> | 1        | +        | +                                       | +            | +         | ┿        | +        | ╁        | +            | ٦.       |          | -          | 19                 | +       | +        | +        | +         | -+       | $\dashv$  | _         | Н        | _        |
| 100             | 20            |          | 1           |                 | П        | 1  |          | 1  | +              | +        | +          |            | $\vdash$ | 70         | +-  | +        | +        | +                                       | +-           | ╁         | ╁        | ╁        | ╁        | ╁            | ┨.       | $\vdash$ | 12         |                    | +       | ┿        | +-       | +         | $\dashv$ | $\dashv$  | -         | -        | **       |
| H               | 21            | +        | ╫╴          | +               | Н        | +  | +        | +  | +              | +        | +          | -          | $\vdash$ | 7          | -   | ╀        | +-       | ╀                                       | +-           | ╀         | ╄        | +-       | ╀        | +            | 4        | $\vdash$ |            |                    | 4       | +        | 4        | +         | 4        | _         | _         |          |          |
| H               | 22            | -        | ╫╴          | ╁               | Н        | +  | +        | ╅  | +              | +        | ╁          |            | $\vdash$ | _          | -   | ╁        | +        | +-                                      | ╁            | ╀         | +-       | ╀        | +        | +-           | 4        | -        | 12         |                    | -       | -        | 4        | 4         | _        | _         | _         |          |          |
| ⊢               | 23            | $\dashv$ | ╫╴          | Н               | Н        | ╅  |          | ╁  | ┿              | +        | +          | $\dashv$   | -        | 7:         |   | ╀        | ╀        | +                                       | +-           | ╀         | ╀        | +-       | ╀        | +            | 4        | $\vdash$ | 12         |                    | 4       | +        | ╄        | 4         | 4        | _         |           | Ш        |          |
| $\vdash$        | 24            | -1       | +           | Н               | Н        | ╁  | +        | ╁  | +              | ┰        | +          | -          | $\vdash$ | 17.        | _   | ╄        | +-       | ╄                                       | ╀            | ╄         | ╀        | ╀        | ╄        | +            | 4        | ┡        | 12         |                    | $\bot$  | 4        | 4        | 4         | 4        | _         | _         | Ш        |          |
| $\vdash$        | 25<br>25      | -#       | +           | Н               | H        | +  | +        | +-   | +              | +        | +          | -          | $\vdash$ | 7!         |   | ╄        | ╄        | ╀                                       | +-           | +         | ╀        | +        | ╀        | +-           | 4        | $\vdash$ | 12         | $\rightarrow$      | 4       | 4.       | ᆚ        | 4         | 4        | _         |           |          | _ `      |
| $\vdash$        | 20            | -        |             | H               | k        | 1  | -        | +  | +              | +        | +          | -          | $\vdash$ | -          |   | ╀        | ╀        | +-                                      | ╁            | +-        | ╄        | ╀-       | ╄        | ╀            | 4        | $\vdash$ | 12         |                    | 4       | 4        | $\perp$  | 1         | 4        |           |           | $\sqcup$ |          |
| $\vdash$        | 27            | -#       | +           | H               | H        | +  | +        | +  | +              | +        | +          | -          | -        | 76         |   | ╄        | ╁        | ╀                                       | ╀            | ╀         | 1        | ╄        | 4        | ╀            | 4        | $\vdash$ | 12         |                    | 4.      | 4_       | ᆚ.       | ┸         | _        | ┙         |           | Ш        |          |
| Н               | 28            | -#       | +           | Н               | ₩        | +  | +        | ╀  | ╁              | ╀        | +          | 4          | $\vdash$ | 7          |   | ╀        | ╄        | ╀                                       | ┼-           | ↓_        | ┞-       | ╄        | ╄        | ╀-           | 4        | $\vdash$ | 12         | _                  | 4       | 4        | _        | 1         | _        | _         |           |          |          |
|                 | 29            | +        | +           | Н               | H        | +  | +        | +  | ╀              | +        | +          | 4          | -        | 78         |   | ↓_       | +        | ╄-                                      | ╀-           | ╀         | $\bot$   | ╄        | ┺        | ╀            | 4        | L        | 12         |                    | 4       | _        | L        | ⊥         | $\perp$  | $\Box$    |           |          | Ш        |
|                 |               | ╢        | +           | Н               | ++       | +  | +        | -  | ╀              | +-       | +          | 4          | _        | 79         | _   | ┖        | 1        | ╄                                       | ╄            | ↓_        |          | ╀        | ┖        | $\perp$      | 1        | $\perp$  | 12         |                    | ┸       | 1        | _        | 1         |          | _         |           |          |          |
| H               | 30            | ₩        | +           | Н               | H        | ╄  | <b>-</b> | 4  | $\bot$         | +        | +          | 4          | $\vdash$ | 80         |   | <u> </u> | ┺        | 1_                                      | <b> </b> _   | $\perp$   | _        | <u> </u> | L        | L            | 1        | L        | 13         | 0                  | $\perp$ | ┸        |          | L         | ┙        | _]        |           |          |          |
| Н               | <u> </u>      | ₩        | +           | Н               | Н        | ╂-   | +        | +  | +-             | ╀        | 4          | 4          | $\perp$  | 81         | -   | ـــ      | ┺        | L                                       | ┖            | $\perp$   | L        | L        | L        | 1            |          | L        | 13         |                    |         |          |          | Ι         |          | $\Box$    |           | $\Box$   |          |
| $\vdash$        | 32            | H        | +           | Н               | Щ        | 4  | 4        | $\bot$   | ╄              | <b>↓</b> | 1          | 4          | <u>_</u> | 82         | _   |          | ┺        | L                                       | L            | $\perp$   | _        | L        | Ŀ        | L            | ]        |          | 13         | 2                  |         |          |          | Ι         |          | 7         |           |          |          |
| $\vdash \dashv$ | 33            | H        | 1           | Ц               | Н        | 1  | _        | ╀  | 4_             | ╀        | ┸          | 4          | $\perp$  | 83         |   | ┕        | <u> </u> | L                                       | ┖            | <u> </u>  | L        | 1_       | L        | 1.           |          | L        | 13         |                    |         |          |          | L         |          |           |           | П        |          |
|                 | 34<br>35      | Н        | ļ.          | Ц               | Ц        | +-   | 4_       | ┸  | ↓_             | ┺        | ┸          | 4          | $\perp$  | 84         | -   | L        | L        | L                                       | <u> </u>     | L         |          |          | L        | L            |          | L        | 13         | 1 1                |         | ]_       | Т        | Τ         | П        | $\exists$ | Ī         |          |          |
|                 | 劉             | H        |             | Ц               | Ц        | 1  | 4.       | Ŀ  | 丄              | L        | ┸          | 4          | L        | 85         |   | 乚        | _        | L                                       | L            | L         | <u></u>  |          | L        |              | j        | L        | 13         |                    | 1       | Γ        | П        | Τ         | Т        | $\neg$    | ヿ         | ╗        |          |
|                 | <b>國</b><br>砂 | #        | Ц           | Ц               | Ц        | ╀  | $\perp$  | $\perp$  | $\perp$        | $\perp$  | L          | 1          | $\vdash$ | 86         | 1_  |          | 1        | ـــــــــــــــــــــــــــــــــــــــ |              |           | $\Box$   |          | Ĺ        | L            |          |          | 13         |                    | $\int$  | Ι        |          | Γ         |          | 7         | T         | 7        | $\neg$   |
|                 | <u> </u>      | Ц        | 14          | Ц               | Ц        | 1  | $\perp$  | 1  | 1              | L        | L          | 1          | L        | 87         | L   | L        | Ĺ        | L                                       |              |           |          |          |          |              |          |          | 13         | 7                  | Ι       | Т        |          | T         | 1        | T         | 7         | ヿ        | $\neg$   |
| _               | -             | 4        | y           | $\underline{v}$ | V        | 1  | $\perp$  | 丄  | L              | L        | L          | ]          |          | 88         | L   |          | L        |   | L            |           |          | L.       |          | $\Gamma$     |          |          | 13         | 3                  |         | 1        | T        | T         | 1        | 寸         | 7         | 7        | ヿ        |
| $\rightarrow$   | 39            | 1        |             |                 | L        | L  | L        | L  | L              | $\Box$   | Ĺ          | ]          |          | 89         |   |          | Ĺ        |   |              |           |          |          |          | Γ            |          |          | 13:        | 9                  | T       | 1        | T        | Ť         | †        | $\top$    | 7         | ┪        | ᅥ        |
|                 | 40            | _[       | [           |                 | L        | $\prod_{i=1}^{n}$                                | $\perp$  | Ì  | 1              |          |            |            |          | 90         |   |          |          |   |              |           |          |          |          |              | ]        |          | 14         |                    | Т       | Т        | 1        | T         | 1        | 7         | $\dashv$  | 7        | $\dashv$ |
| 7               | 41            | T        |             |                 | Γ        | Γ  | Г        | Γ,   |                |          | Г          | 1          | Г        | 91         |   |          | Γ        |   |              |           | П        |          | Т        | 1            | 1        | <u></u>  | 14         | -                  | +       | 1        | +-       | ۲         | +        | +         | +         | $\dashv$ | $\dashv$ |
| 7               | 12            | 7        | 7           |                 | Γ        |  | 1        | 1  |                | T        | T          | 1          | П        | 92         | Н   |          |          |   | Н            | Ι         | Н        | $\vdash$ | $\vdash$ | 1            | 1        | <u> </u> | 14         | 1 1                | +       | +        | +        | ╁         | +        | +         | +         | +        | 긕        |
|                 | 13            | 7        | 7           |                 | Г        | T  | $\top$   | 1  | $\vdash$       | 1        | Τ          | 1          |          | 93         | -   | _        | Н        | H                                       | Н            | H         | Н        | Н        | -        | <u> </u>     | 1        | $\vdash$ | 14:        |                    | +       | +        | ╁        | +         | +        | +         | $\dashv$  | +        | $\dashv$ |
| _               | 44            | 十        | 7           | _               | Н        | T  | †        | 1  | $\vdash$       | $\vdash$ | ✝          | 1          |          | 94         | H   |          | H        | Н                                       | H            | Н         | $\dashv$ | $\vdash$ |          | -            | 1        | -        | 14         |                    | +       | ╁        | $\vdash$ | ┝         | +        | +         | +         | +        | ᅴ        |
|                 | 15            | +        | +           | _               | $\vdash$ | <del>                                     </del> | +        | t  | 1-             | $\vdash$ | +          | 1          | H        | 95         | H   | $\dashv$ | $\vdash$ | H                                       | Н            | Н         | -        | $\dashv$ |          | -            | 1        |          | 145        |                    | ╁       | $\vdash$ | ⊢        | ⊢         | +        | -         | 4         | 4        | ᅴ        |
| ٦,              | 16            | $^{+}$   | +           | -               |          | ┢  | $\vdash$ | t  | <del>   </del> |          | -          | <b>_</b> = | ₽        | PE         |   |          | a 8      | ١,                                      |              | $\Box$    |          | -        |          | <u> </u>     |          |          |            |                    | -       |          |          | -         | +        | +         | +         | $\dashv$ | 4        |
|                 | 7             | +        | +           | -               | Η-       | $\vdash$   | +-       | $\vdash$   | Н              | H        | -          | 51         | $\vdash$ | <u>۱۲۲</u> | V   | ۵.       | ##       |   | 1            | 211       |          | -1       |          | 1            |          | 7        | V**        | 1                  | +       | +-       | +        | -         | +        | +         | 4         | +        | $\dashv$ |
| - 12            | 8             | +        | +           | -               | -        | $\vdash$   | ╁        | <del>                                     </del> | 屵              | 1        | -          | 1          | Н        | 98.        | ₩.  | - 1      | ñ H      | -                                       | 28           | <b>"!</b> |          | -4       |          | 1            | <b>8</b> | Н        |            |                    | +-      | ┼-       | $\vdash$ | $\vdash$  | +        | 4         | 4         | 4        | 4        |
| -12             | 9             | +        | +           | $\dashv$        | -        | $\vdash$   | +-       | ╁  | ⊢              | ┝        | -          | 1          | Н        | 99         | $\dashv$                                      |          | $\dashv$ |   | $\dashv$     |           | -        |          | -        | <del> </del> |          | ш        | 140        | 1                  | ┼       | -        | <u> </u> | <u> </u>  | +        | -         | 4         | 4        | _        |
|                 | 0             | +        | +           | $\dashv$        | _        | -  | +-       | $\vdash$   | -              | H        | $\vdash$   | 1          | Н        | 100        | $\vdash$                                      |          | -        | $\dashv$                                | -            | $\dashv$  |          |          | $\dashv$ | Н            | ļ        | Н        | 149        | <del>] -   -</del> | +-      |          | $\vdash$ | L         | +        | 4         | 4         | 4        | コ        |
|                 | ~1            |          |             | _               | _        | Ц  | ١        | ۰  |                | Ц        | _          | J          | ட        | ·w         |   |          |          |   |              |           |          |          |          |              | 1        |          | 150        | 4                  | 1       | ı        | 1        | i         | f        | - 1       | - (       | - 1      | - 1      |

If more than 150 claims or 10 actions stapl additional sheet here

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